

# **User Manual**

## **For**

### **Pharmacy Management & Medicine Checker**

**Team Name: Web Warriors**

**Team Members**

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## **1. Introduction**

The Pharmacy Management System is a **web-based website** designed to help pharmacy staff manage medicine inventory, sales, suppliers, employees, and generate reports.

It also allows **public users** to search for medicines and check availability without registration.

This manual explains:

- How to deploy and access the system
  - Main features for users
  - A walkthrough of using the system with screenshots
- 

## **2. System Requirements & Installation/Deployment Steps**

### **2.1 Technical Specifications**

#### **Server Requirements (for deployment)**

- OS: Windows 11
- Web server: Apache or Nginx
- Database: MySQL or any relational database
- RAM: 4 GB minimum
- Disk space: 500 MB minimum
- Browser: Google Chrome, Firefox, Edge

#### **Client Requirements**

- Any standard PC with modern web browser
- Internet or local network access to the server

### **2.2 Installation / Deployment Steps**

1. **Download the system files** from the project folder.
2. **Set up the database**
  - Open MySQL Workbench or phpMyAdmin
  - Create a new database.

- Import the provided SQL script to create tables

### 3. Configure the system

- Edit the configuration file.
  - Set database host, username, password, database name

### 4. Deploy the website

- Copy system files to your web server directory.
- Start the web server.

### 5. Access the system

- Open browser and Run the Project.

### 6. Login

- Use default admin credentials (provided in project notes)
- Change password immediately for security.
- You can Send it to the People that you who to check the available Medicines.

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## 3. Main Features for Users

### 3.1 For Employees

- **Inventory Management:** Add, edit, and track medicines; get alerts for low stock or near-expiry items
- **Sales & Billing:** Search for medicines, create invoices, automatically deduct stock
- **Employee Management:** Admin can add and manage employees with roles and permissions
- **Supplier Management:** Track suppliers and link medicines to suppliers
- **Reporting:** Generate sales, inventory, and employee activity reports

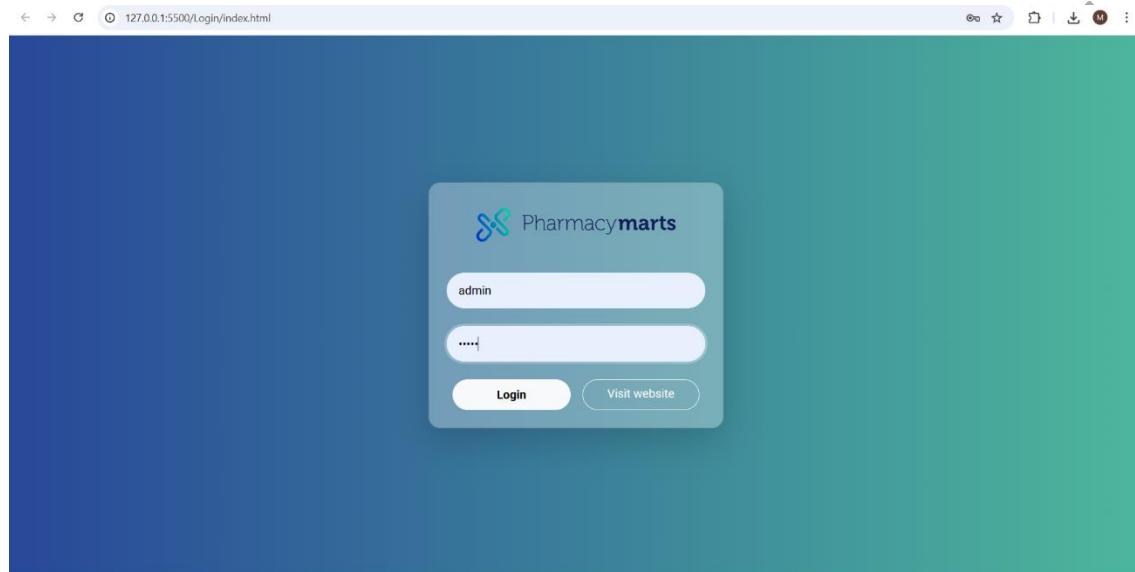
### 3.2 For Public Users

- **Medicine Search:** Search medicines by name or category, check availability and price
- **No login required**, and no personal data is stored

#### 4. Walkthrough of Main Scenario – Selling a Medicine

##### Step 1: Login

- Enter your username and password
- Click **Login.**



##### Step 2: Access Sales & Billing Module

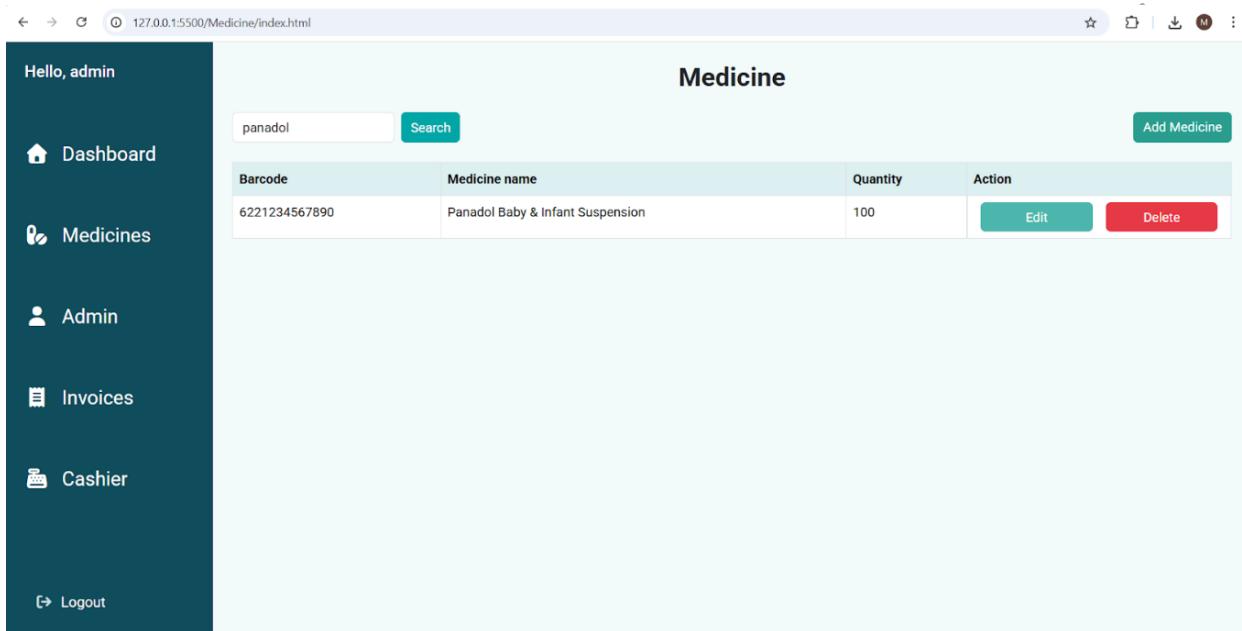
- From the dashboard, click **Sales & Billing**

A screenshot of the 'Dashboard Overview' section of the Pharmacymarts application. The left sidebar is dark teal with white text and icons for 'Dashboard', 'Medicines', 'Admin', 'Invoices', 'Cashier', and 'Logout'. The main area has a light gray background. It features four cards in the top row: 'Monthly Sales' (748.5 \$, +8% from last month), 'Annual Sales' (748.5 \$, +15% from last year), 'Total Products in Store' (510, Available for sale), and 'Close to Expiration' (0, 2.02% from total products). Below these are two sections: 'Best-selling Products' (listing Voltaren Emulgel, Panadol Baby &amp; Infant Suspension, Otrivin Baby Saline Spray, and Amoxil 500Mg Capsules) and 'Low Stock Alert' (listing items that need restocking).

### Step 3: Search for Medicine

- Type the medicine name in the search box
- Select the medicine from the search results

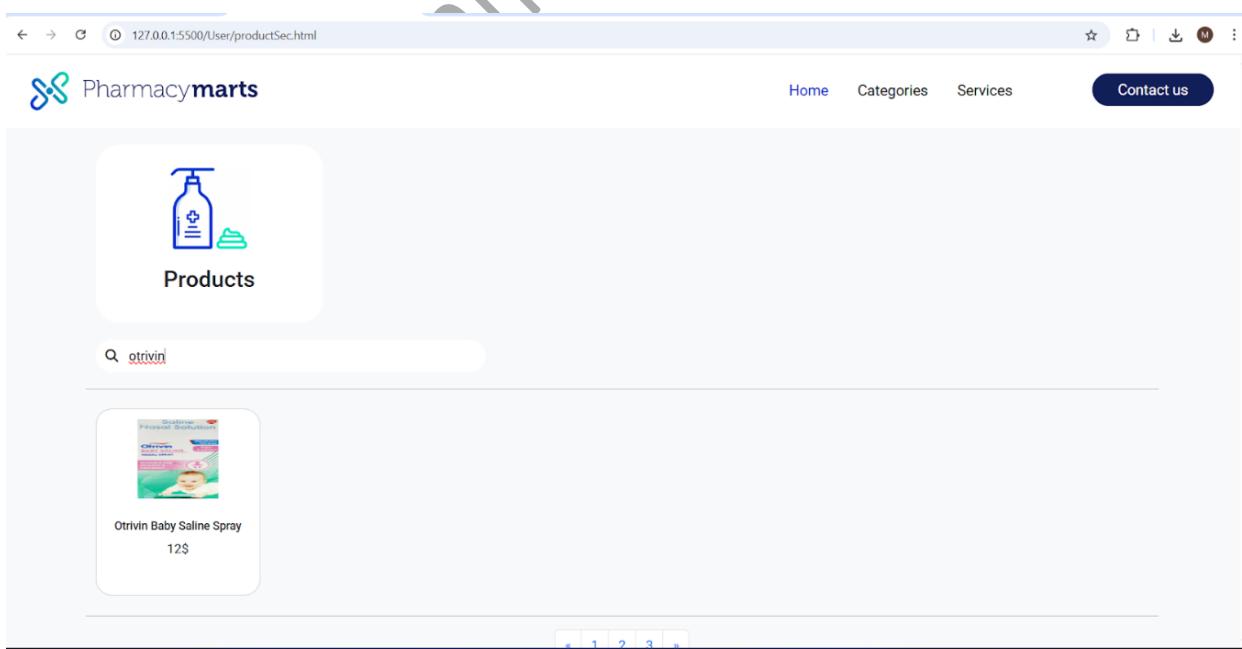
#### \*\*\*For the Admin Side:



The screenshot shows a web-based application for managing medicines. On the left, a dark sidebar menu includes 'Dashboard', 'Medicines' (selected), 'Admin', 'Invoices', 'Cashier', and 'Logout'. The main area has a title 'Medicine' and a search bar containing 'panadol'. A table lists a single medicine entry:

| Barcode       | Medicine name                    | Quantity | Action  |
|---------------|----------------------------------|----------|---|
| 6221234567890 | Panadol Baby & Infant Suspension | 100      | <button>Edit</button> <button>Delete</button> |

#### \*\*\*For the Customer Side:



The screenshot shows a web-based customer interface for a pharmacy. At the top, there's a navigation bar with the logo 'Pharmacymarts', links for 'Home', 'Categories', 'Services', and a 'Contact us' button. Below the navigation, there's a search bar with the placeholder 'Search' and a magnifying glass icon. A large image of a bottle of Otrivin Baby Saline Spray is displayed, along with its price '12\$'. At the bottom, there's a small navigation bar with page numbers.

#### Step 4: Add Medicine to Invoice

- Search for the Sold Medicine.
- Input the quantity.
- Click **Add**.
- Repeat for multiple medicines if needed

The screenshot shows a web browser window with the URL `127.0.0.1:5500/Cashier/index.html`. The search bar contains the letter 'pa'. A single search result for 'Panadol Baby & Infant Suspension' is displayed, showing a price of 15.5\$ and a green 'Add' button.

**Current Order**

Total: 150 EGP

Cash in: \_\_\_\_\_

Change: 0 EGP

**Check Out** **Cancel**

The screenshot shows a web browser window with the URL `127.0.0.1:5500/Cashier/index.html`. The search bar is empty. The 'Current Order' section displays four items: Panadol Baby & Infant Suspension (2 units at 15.5\$ each), Otrivin Baby Saline Spray (1 unit at 12\$), Amoxil 500mg Capsules (1 unit at 25\$), and Tobrex Ophthalmic Solution (1 unit at 22\$). The total is 56.00 EGP. The cash input field contains '100'.

**Current Order**

Panadol Baby & Infant Suspension 2 31.00\$

Otrivin Baby Saline Spray 1 12\$

Amoxil 500mg Capsules 1 25\$

Tobrex Ophthalmic Solution 1 22\$

Total: 56.00 EGP

Cash in: 100

Change: 44.00 EGP

**Check Out** **Cancel**

## Step 5: Generate and Print Invoice

- Review items and total price.
- Click **Check Out**.
- Invoice is saved and can be printed.

The screenshot shows a web browser window with the URL `127.0.0.1:5500/Invoices/viewInvoice.html?id=1`. On the left is a dark sidebar menu with options: Dashboard, Medicines, Admin, Invoices (selected), and Cashier. The main content area displays an invoice from "Pharmacymarts". The header includes the logo, "Pharmacymarts", "Casher Name: admin", and "Date: 31/12/2025 20:13". Below is a table of items:

| ID    | Item Name                        | Quantity | Unit price | Total      |
|-------|----------------------------------|----------|------------|------------|
| 1     | Panadol Baby & Infant Suspension | 4        | 15.50 EGP  | 62.00 EGP  |
| 2     | Otrivin Baby Saline Spray        | 1        | 12.00 EGP  | 12.00 EGP  |
| 3     | Amoxil 500mg Capsules            | 3        | 25.00 EGP  | 75.00 EGP  |
| 4     | Tobrex Ophthalmic Solution       | 1        | 22.00 EGP  | 22.00 EGP  |
| 5     | Voltaren Emulgel                 | 2        | 45.00 EGP  | 90.00 EGP  |
| Total |                                  |          |            | 261.00 EGP |

## Step 6: View All Invoices which were done.

- Anytime you can check All the invoices and Sales with the ID.
- Click on Invoices.

The screenshot shows a web browser window with the URL `127.0.0.1:5500/Invoices/index.html`. On the left is a dark sidebar menu with options: Dashboard, Medicines, Admin, Invoices (selected), and Cashier. The main content area displays a table of invoices:

| ID | Admin Name | Total      | Date             | Action                |
|----|------------|------------|------------------|-----------------------|
| 1  | admin      | 62.00 EGP  | 31/12/2025 21:56 | <button>View</button> |
| 2  | admin      | 261.00 EGP | 31/12/2025 22:13 | <button>View</button> |
| 3  | admin      | 270.00 EGP | 31/12/2025 22:23 | <button>View</button> |
| 4  | admin      | 180.00 EGP | 31/12/2025 22:42 | <button>View</button> |
| 5  | admin      | 12.00 EGP  | 31/12/2025 22:42 | <button>View</button> |
| 6  | admin      | 117.00 EGP | 01/01/2026 00:56 | <button>View</button> |
| 7  | admin      | 169.50 EGP | 01/01/2026 03:53 | <button>View</button> |
| 8  | admin      | 225.00 EGP | 01/01/2026 04:00 | <button>View</button> |
| 9  | admin      | 25.00 EGP  | 01/01/2026 04:08 | <button>View</button> |
| 10 | admin      | 270.00 EGP | 01/01/2026 04:20 | <button>View</button> |
| 11 | admin      | 37.00 EGP  | 01/01/2026 04:54 | <button>View</button> |
| 12 | admin      | 22.00 EGP  | 01/01/2026 17:08 | <button>View</button> |

## Step 7: Checking the Record of the people Whoever reached the System.

- Anytime you can check All the people Who Reached the system from the Employees.

The screenshot shows a web-based application interface titled "User management". On the left, there is a dark sidebar with navigation links: "Dashboard", "Medicines", "Admin", "Invoices", "Cashier", and "Logout". The main content area has a title "User management" and a search bar. Below it is a table with columns: "User ID", "Name", "Role", and "Created at". The table contains four rows of data:

| User ID | Name  | Role        | Created at             |
|---------|-------|-------------|------------------------|
| 1       | admin | super_admin | 12/15/2025, 8:46:29 AM |
| 2       | pola  | super_admin | 12/31/2025, 3:19:35 PM |
| 3       | Ganna | super_admin | 12/31/2025, 5:30:30 PM |

Below the table is another section titled "User logs" with a table showing login activities:

| User name | User ID | Action | Timestamp                   |
|-----------|---------|--------|-----------------------------|
| admin     | 1       | login  | 2026-01-01T15:19:24.7841639 |
| admin     | 1       | login  | 2026-01-01T15:08:30.823861  |
| admin     | 1       | login  | 2026-01-01T14:54:25.3156144 |

## Step 8: If you receive some Medicines and you want to Add them on the system.

- By Clicking on the Medicine Section.
- Then you can click on Add Medicine.

The screenshot shows a web-based application interface titled "Medicine". On the left, there is a dark sidebar with navigation links: "Dashboard", "Medicines", "Admin", "Invoices", "Cashier", and "Logout". The main content area has a title "Medicine" and a search bar. Below it is a table with columns: "Barcode", "Medicine name", "Quantity", and "Action". The table contains five rows of data:

| Barcode       | Medicine name                    | Quantity | Action      |
|---------------|----------------------------------|----------|-------------|
| 6221234567890 | Panadol Baby & Infant Suspension | 100      | Edit Delete |
| 6229876543210 | Otrivin Baby Saline Spray        | 50       | Edit Delete |
| 6225554443332 | Amoxil 500mg Capsules            | 200      | Edit Delete |
| 6223000456123 | Tobrex Ophthalmic Solution       | 60       | Edit Delete |

Hello, admin

Dashboard Medicines Admin Invoices Cashier Logout

127.0.0.1:5500/Medicine/index.html

### Add New Medicine

Medicine Name: Enter item name

Barcode: 62212345, 62298765, 62255544, 62230004, 76111361

Manufacturer: Enter manufacturer

Drug Type: Select drug type

Expiration Date: mm/dd/yyyy

Drug Image: Choose File No file chosen

Purchasing Price: Enter purchasing price

Selling Price: Enter selling price

Requires Prescription

Action: Edit Delete

Add Medicine

Hello, admin

Dashboard Medicines Admin Invoices Cashier Logout

127.0.0.1:5500/Medicine/index.html

Purchasing Price: Enter purchasing price

Selling Price: Enter selling price

Requires Prescription

Shelf Amount: Shelf amount

Stored Amount: Stored amount

Low Amount: Low amount

Sub Amount Quantity: Enter sub amount quantity

Description Before Use:

How To Use:

Side Effects:

Cancel Save Medicine

Action: Edit Delete

Add Medicine

## Additional Screens for the User Environment (Customer Side).

127.0.0.1:5500/User/index.html

Pharmacymarts

Home Categories Services Contact us

## Welcome to Pharmacy

Your trusted partner for health and wellness needs. Explore our wide range of pharmaceutical products and services designed to support your well-being.

127.0.0.1:5500/User/index.html#categories

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## Categories

 **Drugs**  
Medicines for common health conditions and daily care.  
[View items →](#)

 **Products**  
Daily essentials for personal care and wellness support.  
[View items →](#)

 **Baby Care**  
Essential products for babies' health, comfort, and hygiene.  
[View items →](#)

## Services

← → ⌛ 127.0.0.1:5500/User/drugsSec.html

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Home Categories Services Contact us

  
Drugs

Search

Panadol Baby & Infant Suspension 15.5\$

Amoxil 500mg Capsules 25\$

Tobrex Ophthalmic Solution 22\$

« 1 2 3 »

← → ⌛ 127.0.0.1:5500/User/babySec.html

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Home Categories Services Contact us

  
Baby Care

Search

Panadol Baby & Infant Suspension 15.5\$

Otrivin Baby Saline Spray 12\$

Tobrex Ophthalmic Solution 22\$

« 1 2 3 »

← → ⌂ 127.0.0.1:5500/User/cardItem.html?id=1

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## Panadol Baby & Infant Suspension



Shake well before use. Ensure the child is not allergic to Paracetamol.

**How to use:** Use the provided syringe to measure the dose based on the child's weight.

**Side effects:** Rare, but may include skin rash or swelling.

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15.5\$

← → ⌂ 127.0.0.1:5500/User/index.html#services

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## Services



### Blood Pressure

Blood pressure (BP) is the pressure of circulating blood against the walls of blood vessels. Most of this pressure results from the heart pumping blood through the circulatory system. When used without qualification, the term "blood pressure" refers to the pressure in the large arteries.

127.0.0.1:5500/User/index.html#services

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Home Categories Services Contact us

## Services



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127.0.0.1:5500/User/index.html#services

Pharmacymarts

Home Categories Services Contact us

### Weight Measurement

There is a weight and height measuring device in all CARE pharmacies with some analyzes of your body that will help you understand your needs



[127.0.0.1:5500/User/index.html#services](http://127.0.0.1:5500/User/index.html#services)

 Pharmacymarts

[Home](#) [Categories](#) [Services](#) [Contact us](#)

## Contact Information

If you have any questions or need assistance, our pharmacy team is here to help. Feel free to reach out to us through phone, email, or visit us at our location. We are committed to providing reliable support and ensuring you receive the best care and service possible.

Our contact details :

-  0100 000 0000
-  Dr Abd El-Aziz El-Shennawy, Gameat Al Azhar, Qesm Than Madinet Nasr, Cairo Governorate
-  Sat-Thu: 9 AM – 12 AM | Friday: 2 PM – 12 AM
-  [pharmacy@example.com](mailto:pharmacy@example.com)

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Thank you so much for your interesting and attention.